

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| S1 | 1306 | 375/345 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:14 |
| S2 | 891 | two adj1 mixer\$1 and (IF or (intermediate adj1 frequency)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:15 |
| S3 | 531 | (two adj1 mixer\$1) and (IF or (intermediate adj1 frequency)) and quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:16 |
| S4 | 174 | (two adj1 mixer\$1) and (IF or (intermediate adj1 frequency)) and quadrature and ((automatic adj1 gain adj1 control) or AGC) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:17 |
| S5 | 172 | (two adj1 mixer\$1) and (IF or (intermediate adj1 frequency)) and quadrature and ((automatic adj1 gain adj1 control) or AGC) and filter\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:17 |
| S6 | 42 | (two adj1 mixer\$1) and (IF or (intermediate adj1 frequency)) and quadrature and ((automatic adj1 gain adj1 control) or AGC) and filter\$1 and (ADC or (analog adj digital adj converter)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:34 |
| S7 | 54 | dual adj1 down adj1 conver\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 13:39 |
| S8 | 38 | dual adj1 down adj1 conver\$4 and quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 14:26 |
| S9 | 4623 | down adj1 conver\$4 and quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 14:26 |

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| S10 | 1266 | down adj1 conver\$4 with quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 14:26 |
| S11 | 1052 | down adj1 conver\$4 and receiver with quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 14:26 |
| S12 | 2 | dual adj down adj1 conver\$4 and receiver with quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 15:14 |
| S13 | 3 | "6519292" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/17 15:14 |
| S14 | 74 | digital adj1 down-converter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:09 |
| S16 | 34 | digital adj1 down-converter and ADC and filter and mixer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:26 |
| S17 | 164 | down-converter and ADC and filter and mixer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:27 |
| S18 | 57 | down-converter with ADC and filter and mixer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:40 |
| S19 | 33 | "5640698" and quadrature | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:41 |
| S20 | 31 | "5640698" and complex\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:44 |

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| S21 | 1 | "5640698" and inphase | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:42 |
| S22 | 36 | "1/4" adj sampl\$3 adj rate | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/19 14:51 |
| S23 | 0 | "1/4" adj sampl\$3 adj rate and "5640698" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/21 14:41 |
| S24 | 272 | (quarter) adj sampl\$4 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/21 14:44 |
| S25 | 0 | (quarter) adj sampl\$4 and IF | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/21 14:44 |
| S26 | 163 | (quarter) adj sampl\$4 and converter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/21 14:44 |
| S27 | 0 | (quarter) adj sampl\$4 and converter and IF | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/21 14:44 |
| S28 | 24 | (quarter) adj sampl\$4 and converter and AGC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2004/11/21 15:52 |
| S29 | 29 | "5640698" and complex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 08:54 |
| S30 | 35 | "5640698" and I and Q | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 09:57 |

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| S31 | 2 | "20030076897" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 09:57 |
| S32 | 12698 | polyphase | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 10:56 |
| S33 | 1617 | decimation adj1 filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 10:56 |
| S34 | 37 | (down adj1 convert\$3) with (decimation adj1 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 10:59 |
| S35 | 9 | "6307877" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/06/14 10:59 |
| S36 | 1 | "20020037060" and (complex adj1 local adj1 signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 10:49 |
| S37 | 5922 | DDC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 10:49 |
| S38 | 4 | DDC with mixer\$1 with complex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:02 |
| S39 | 4 | ((digital adj1 down adj1 converter) or DDC) with mixer\$1 with complex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:03 |
| S40 | 3 | (digital adj1 down adj1 converter) with mixer\$1 with complex | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:03 |

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| S41 | 286 | (digital adj1 down adj1 converter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:03 |
| S42 | 156 | (digital adj1 down adj1 converter) and mixer\$1 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:03 |
| S43 | 0 | (digital adj1 down adj1 converter) and mixer\$1 and IF | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:04 |
| S44 | 149 | (digital adj1 down adj1 converter) and mixer\$1 and filter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 11:04 |
| S45 | 15 | (digital adj1 down adj1 converter) and mixer\$1 and (decimation adj1 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:32 |
| S46 | 216 | (digital adj1 down adj1 converter) and receiver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:32 |
| S47 | 2 | (digital adj1 down adj1 converter) and receiver and (complex adj1 local adj1 signal) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:36 |
| S48 | 71 | "5375146" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:37 |
| S49 | 9 | "6697603" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:48 |
| S50 | 5 | "6697603" and AGC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:56 |

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| S51 | 6 | "6697603" and (gain adj1 control\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:56 |
| S52 | 126 | (digital adj1 downconvert\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:57 |
| S53 | 2 | (digital adj1 downconvert\$3) with AGC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:57 |
| S54 | 25 | (digital adj1 downconvert\$3) and AGC | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/28 13:57 |
| S55 | 0 | "09956653" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/05 11:12 |
| S56 | 287 | digital adj1 down adj1 converter | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/05 11:52 |
| S57 | 27 | (digital adj1 down adj1 converter) with (I and Q) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/05 11:58 |
| S58 | 36 | (digital adj1 down adj1 converter) and (decimat\$3 adj1 filter) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/01/05 11:58 |